

# Single-End Unbalanced Mechanical Seal

This mechanical seal features a single-end, unbalanced design with a fixed rotation direction and separation type. It utilizes a conical head hook spring transmission and is suitable for use in various oil, water, and chemical pumps.



## Overview

### Single-End Unbalanced Mechanical Seal

This single-end, unbalanced mechanical seal is engineered for reliability in demanding industrial environments. It features a conical head hook spring transmission and a separation type design, ensuring consistent performance in rotating equipment. Designed for versatility, it is an ideal sealing solution for various pump types handling oil, water, and chemicals.

## Design & Construction

### Design Features

- Single end
- Unbalanced type
- Fixed rotation direction
- Conical head hook spring transmission
- Separation type

### Material Notes

Stainless Steel 1.4571

## Operating Parameters

### Operating Limits

**1 MPa**

Pressure

**15 m/s**

Max Speed

### Temperature Range

-30 to 180°C

## Applications

### Compatible Fluids

Oil • Water • Chemicals

### Suitable Equipment

Various industrial pumps

## Ordering Information

### Ordering Notes

Please specify axis or the direction of the spring when ordering.